## EAST Search History

| Ref#       | Hits | Search Query          | DBs  | Default<br>Operator | Plurals | Time Stamp          |
|------------|------|-----------------------|--|---------------------|---------|---------------------|
| L1         | 737  | 381/332               | US-PGPUB;<br>USPAT   | OR                  | OFF     | 2008/07/21<br>11:53 |
| L2         | 90   | 381/332 and angl\$2   | US-PGPUB;<br>USPAT   | OR                  | OFF     | 2008/07/21<br>11:54 |
| S1         | 5    | "5742693"             | US-PGPUB;<br>USPAT   | OR                  | OFF     | 2007/04/03<br>14:24 |
| S2         | 1    | "20040240697"         | US-PGPUB;<br>USPAT   | OR                  | OFF     | 2007/03/05<br>10:34 |
| S3         | 1    | "20050025318"         | US-PGPUB;<br>USPAT   | OR                  | OFF     | 2007/03/05<br>10:46 |
| S4         | 0    | wo-2004071129-\$.did. | US-PGPUB;<br>USPAT   | OR                  | OFF     | 2007/03/05<br>10:46 |
| <b>S</b> 5 | 2    | wo-2004071129-\$.did. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/03/05<br>10:47 |
| S6         | 9    | "1422969"             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/03/05<br>10:48 |
| S7         | 11   | "0386846"             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/03/05<br>10:49 |
| <b>S</b> 8 | 17   | "386846"              | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/03/05<br>10:52 |
| S9         | 9    | "6833656"             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/03/05<br>10:52 |
| S10        | 7    | "6373955"             | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR                  | OFF     | 2007/03/05<br>10:53 |

| S11 | 1  | wo-200223104-\$.did. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/05<br>10:53 |
|-----|----|----------------------|--|----|-----|---------------------|
| S12 | 1  | wo-200123104-\$.did. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/05<br>10:55 |
| S13 | 11 | "6112847"            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/05<br>10:55 |
| S14 | 7  | "6394223"            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/05<br>10:56 |
| S15 | 22 | "5802190"            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/05<br>10:57 |
| S16 | 14 | "1199907"            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/05<br>11:01 |
| S17 | 3  | "6307107"            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/05<br>11:02 |
| S18 | 25 | "4071112"            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/05<br>16:23 |
| S19 | 6  | "3645355"            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/05<br>16:24 |
| S20 | 10 | "4104641"            | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/05<br>16:25 |

| \$21 | 10 | "4174019" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/05<br>16:26 |
|------|----|-----------|--|----|-----|---------------------|
| S22  | 22 | "4187926" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/05<br>16:26 |
| \$23 | 21 | "4237340" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/05<br>16:27 |
| S24  | 7  | "4280585" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/05<br>16:27 |
| \$25 | 28 | "4289929" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/05<br>16:28 |
| S26  | 16 | "4308932" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/05<br>16:29 |
| S27  | 21 | "4344504" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/05<br>16:29 |
| S28  | 13 | "4348552" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/05<br>16:30 |
| S29  | 14 | "4391346" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/05<br>16:30 |
| S30  | 20 | "4410063" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/05<br>16:31 |

| S31 | 22 | "4437540" | US-PGPUB;<br>USPAT; USOCR;   | OR | OFF | 2007/03/05<br>16:31 |
|-----|----|-----------|--|----|-----|---------------------|
|     |    |           | FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB                               |    |     |                     |
| S32 | 9  | "4503930" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/05<br>16:33 |
| S33 | 7  | "4580655" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/05<br>16:34 |
| S34 | 4  | "4637490" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/05<br>16:34 |
| S35 | 13 | "4653606" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/05<br>16:35 |
| S36 | 4  | "4637490" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/05<br>16:35 |
| S37 | 13 | "4653606" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/05<br>16:35 |
| S38 | 8  | "4654835" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/05<br>16:36 |
| S39 | 13 | "4685532" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/05<br>16:37 |
| S40 | 15 | "4845759" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/05<br>16:37 |

| S41         | 10 | "4940108" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/05<br>16:38 |
|-------------|----|-----------|--|----|-----|---------------------|
| S42         | 8  | "4991687" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/05<br>16:38 |
| S43         | 17 | "5109419" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/05<br>16:38 |
| S44         | 5  | "5164549" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/05<br>16:39 |
| S45         | 4  | "5526325" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/05<br>16:40 |
| S46         | 14 | "5590214" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/05<br>16:40 |
| S47         | 8  | "5642429" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/05<br>16:41 |
| S48         | 20 | "6016535" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/05<br>16:41 |
| <b>S</b> 49 | 7  | "6070461" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/05<br>16:42 |
| S50         | 14 | "6118883" | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/05<br>16:42 |

| S51 | 2  | "6597797"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/05<br>16:43 |
|-----|----|--|--|----|-----|---------------------|
| S52 | 4  | "6603862"  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO; DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/05<br>16:43 |
| S53 | 48 | (US-20040240697-\$ or US-20050025318-\$). did. or (US-5742693-\$ or US-6833656-\$ or US-6373955-\$ or US-3645355-\$ or US-4237340-\$ or US-4308932-\$ or US-4348552-\$ or US-4437540-\$ or US-4437540-\$ or US-4450655-\$ or US-4653606-\$ or US-4653606-\$ or US-4654835-\$ or US-46540759-\$ or US-5590214-\$ or US-5590214-\$ or US-5590214-\$ or US-36070461-\$).did. or (WO-2004071129-\$ or EP-1422969-\$ or EP-1386846-\$ or EP-1199907-\$).did. or (WO-2004071129-\$ or EP-1422969-\$ or US-6070461-\$).did. or (WO-2004071129-\$ or EP-1422969-\$ or US-6112847-\$ or US-6112847-\$ or US-6112847-\$ or US-6394223-\$ or US-4071112-\$ or US-4174019-\$ or US-4174019-\$ or US-4174019-\$ or US-4174019-\$ or US-4104641-\$ or US-4174019-\$ or US-4104641-\$ or US-4104641-\$ or US-4104641-\$ or US-5112847-\$ or US-5109419-\$ | US-PGPUB;<br>USPAT; EPO;<br>DERWENT                                  | OR | OFF | 16:56               |

|     |         | 6597797-\$ or US-6603862-\$).did. |                                     |    |     |                     |
|-----|---------|-----------------------------------|-------------------------------------|----|-----|---------------------|
| S54 | 1723    | legendre                          | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | OR | OFF | 2007/03/05<br>16:59 |
| S55 | 1       | S53 and S54                       | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | OR | OFF | 2007/03/05<br>16:59 |
| S56 | 1406250 | plate                             | US-PGPUB;<br>USPAT                  | OR | OFF | 2007/03/05<br>17:58 |
| S57 | 9       | S53 and S56                       | US-PGPUB;<br>USPAT                  | OR | OFF | 2007/03/05<br>17:58 |
| S58 | 370     | 381/336                           | US-PGPUB;<br>USPAT                  | OR | OFF | 2007/03/06<br>10:26 |
| S59 | 10      | "4965775"                         | US-PGPUB;<br>USPAT                  | OR | OFF | 2007/03/06<br>10:26 |
| S60 | 22      | "4071112"                         | US-PGPUB;<br>USPAT                  | OR | OFF | 2007/03/06<br>11:17 |
| S61 | 8       | "6095279"                         | US-PGPUB;<br>USPAT                  | OR | OFF | 2007/03/07<br>13:31 |
| S62 | 0       | keele-broadus-d\$.IN.             | US-PGPUB;<br>USPAT                  | OR | OFF | 2007/03/07<br>13:32 |
| S63 | 5       | keele-d\$.in.                     | US-PGPUB;<br>USPAT                  | OR | OFF | 2007/03/07<br>14:32 |
| S64 | 227     | 381/335                           | US-PGPUB;<br>USPAT                  | OR | OFF | 2007/03/07<br>14:33 |
| S65 | 9       | "381182"                          | US-PGPUB;<br>USPAT                  | OR | OFF | 2007/03/07<br>14:33 |
| S66 | 622     | "381/182"                         | US-PGPUB;<br>USPAT                  | OR | OFF | 2007/03/07<br>14:33 |
| S67 | 382     | 381/336                           | US-PGPUB;<br>USPAT                  | OR | OFF | 2007/03/29<br>10:30 |
| S68 | 50      | reflect\$4 and S67                | US-PGPUB;<br>USPAT                  | OR | OFF | 2007/03/29<br>11:15 |
| S69 | 228     | 381/335                           | US-PGPUB;<br>USPAT                  | OR | OFF | 2007/03/29<br>11:15 |
| S70 | 83      | reflect\$4 and S69                | US-PGPUB;<br>USPAT                  | OR | OFF | 2007/07/27<br>16:46 |
| S71 | 120     | "reflective planar surface"       | US-PGPUB;<br>USPAT                  | OR | OFF | 2007/08/05<br>18:38 |
| S72 | 0       | "381"? and S71                    | US-PGPUB;<br>USPAT                  | OR | OFF | 2007/03/29<br>15:08 |
| S73 | 226     | 381/337                           | US-PGPUB;<br>USPAT                  | OR | OFF | 2007/04/02<br>12:03 |
| S74 | 100     | S73 and reflect\$4                | US-PGPUB;<br>USPAT                  | OR | OFF | 2007/04/02<br>12:23 |
| S75 | 1       | "20030219137"                     | US-PGPUB;<br>USPAT                  | OR | OFF | 2007/04/02<br>12:25 |

| S76         | 121    | 381/339   | US-PGPUB;<br>USPAT                  | OR | OFF | 2007/04/02<br>12:25 |
|-------------|--------|---|-------------------------------------|----|-----|---------------------|
| S77         | 0      | S76 and reflect&4   | US-PGPUB;<br>USPAT                  | OR | ON  | 2007/04/02<br>12:26 |
| S78         | 53     | S76 and reflect\$4  | US-PGPUB;<br>USPAT                  | OR | ON  | 2007/04/02<br>12:34 |
| S79         | 25     | 381/350 and reflect\$4  | US-PGPUB;<br>USPAT                  | OR | ON  | 2007/04/02<br>12:37 |
| S80         | 44     | 381/352 and reflect\$4  | US-PGPUB;<br>USPAT                  | OR | ON  | 2007/04/02<br>12:44 |
| S81         | 197    | 381/160 and reflect\$4  | US-PGPUB;<br>USPAT                  | OR | ON  | 2007/04/02<br>13:02 |
| S82         | 1      | "20020154783"   | US-PGPUB;<br>USPAT                  | OR | ON  | 2007/04/02<br>12:46 |
| S83         | 67     | 181/187 and reflect\$4  | US-PGPUB;<br>USPAT                  | OR | ON  | 2007/04/02<br>13:07 |
| S84         | 49     | 181/189 and reflect\$4  | US-PGPUB;<br>USPAT                  | OR | ON  | 2007/04/02<br>13:10 |
| S85         | 885426 | 181/191and reflect\$4   | US-PGPUB;<br>USPAT                  | OR | ON  | 2007/04/02<br>13:10 |
| S86         | 74     | 181/191 and reflect\$4  | US-PGPUB;<br>USPAT                  | OR | ON  | 2007/04/02<br>13:14 |
| S87         | 428    | 181/199 and reflect\$4  | US-PGPUB;<br>USPAT                  | OR | ON  | 2007/04/02<br>13:14 |
| S88         | 1      | "20060153407"   | US-PGPUB;<br>USPAT                  | OR | OFF | 2007/04/02<br>17:20 |
| S89         | 1      | "20050002535"   | US-PGPUB;<br>USPAT                  | OR | OFF | 2007/04/03<br>14:26 |
| S90         | 16     | "5757424"   | US-PGPUB;<br>USPAT                  | OR | OFF | 2007/04/03<br>15:06 |
| S91         | 10     | "6624846"   | US-PGPUB;<br>USPAT                  | OR | OFF | 2007/04/03<br>15:07 |
| S92         | 10     | "6452628"   | US-PGPUB;<br>USPAT                  | OR | OFF | 2007/04/03<br>15:07 |
| <b>S</b> 93 | 65     | (US-20050276431-\$ or US-20060062402-\$ or US-20050002535-\$ or US-20050025318-\$ or US-20050025318-\$ or US-20040240697-\$ or US-20020118858-\$ or US-20050129258-\$ or US-20060153407-\$). did. or (US-6782112-\$ or US-4654835-\$ or US-4391346-\$ or US-6373955-\$ or US-6452628-\$ or US-5590214-\$ or US-4348552-\$ or U | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | OR | OFF | 2007/04/16<br>12:42 |

| S95 | 21 | S93 and move\$3  | US-PGPUB;<br>USPAT; EPO;            | OR | OFF | 2007/04/16<br>12:42 |
|-----|----|--|-------------------------------------|----|-----|---------------------|
| S94 | 22 | S93 and move\$4  | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | OR | OFF | 2007/04/16<br>12:42 |
|     |    | 7096995-\$ or US- 4410063-\$ or US- 4308932-\$ or US- 4344504-\$ or US- 4580655-\$ or US- 5757424-\$ or US- 5809153-\$ or US- 5742693-\$ or US- 6624846-\$ or US- 6624846-\$ or US- 6158902-\$ or US- 6314191-\$ or US- 6070461-\$ or US- 6314191-\$ or US- 6070461-\$ or US- 4437540-\$ or US- 628793-\$ or US- 6628793-\$ or US- 6628793-\$ or US- 6556687-\$).did. or (US- 5802190-\$ or US- 3645355-\$ or US- 6556687-\$).did. or (US- 5109419-\$ or EP- 1422969-\$ or WO- 2004071129-\$ or EP- 386846-\$).did. or (US- 5109419-\$ or US- 6394223-\$ or US- 6394223-\$ or US- 4940108-\$ or US- 6118883-\$ or US- 4174019-\$ or US- 6118883-\$ or US- 4174019-\$ or US- 6112847-\$ or US- 4104641-\$ or US- 4289929-\$ or WO- 2004071129-\$ or US- 6112847-\$ or US- 4104641-\$ or US- 4289929-\$ or US- 6112847-\$ or US- |                                     |    |     |                     |

| S96  | 1     | "20040218773"   | US-PGPUB;<br>USPAT                  | OR | OFF | 2007/07/09<br>09:08 |
|------|-------|---|-------------------------------------|----|-----|---------------------|
| S97  | 35    | andrews-anthony\$.in.   | US-PGPUB;<br>USPAT                  | OR | OFF | 2007/07/10<br>15:52 |
| S98  | 1     | "20050111677"   | US-PGPUB;<br>USPAT                  | OR | OFF | 2007/07/27<br>16:46 |
| S99  | 2773  | reflector near plate  | US-PGPUB;<br>USPAT                  | OR | OFF | 2007/08/05<br>18:36 |
| S100 | 0     | S99 and 381/335   | US-PGPUB;<br>USPAT                  | OR | OFF | 2007/08/05<br>18:36 |
| S101 | 35772 | "reflective surface"  | US-PGPUB;<br>USPAT                  | OR | OFF | 2007/08/05<br>18:38 |
| S102 | 1098  | "reflective surface"<br>same "focal point"  | US-PGPUB;<br>USPAT                  | OR | OFF | 2007/08/05<br>18:39 |
| S103 | 115   | "reflective surface"<br>near "focal point"  | US-PGPUB;<br>USPAT                  | OR | OFF | 2007/08/05<br>19:42 |
| S104 | 3     | brown-alastair\$.in.  | US-PGPUB;<br>USPAT                  | OR | OFF | 2007/08/05<br>19:43 |
| S105 | 35    | hobbs-philip\$.in.  | US-PGPUB;<br>USPAT                  | OR | OFF | 2007/08/05<br>19:43 |
| S106 | 1     | roper-simon\$.in.   | US-PGPUB;<br>USPAT                  | OR | OFF | 2007/08/05<br>19:44 |
| S107 | 6     | "5750943"   | US-PGPUB;<br>USPAT                  | OR | OFF | 2008/01/07<br>04:57 |
| S108 | 11    | "4862508"   | US-PGPUB;<br>USPAT                  | OR | OFF | 2008/01/07<br>04:57 |
| S109 | 131   | 381/89 and reflec\$4  | US-PGPUB;<br>USPAT                  | OR | OFF | 2008/01/07<br>11:13 |
| S110 | 76    | 381/97 and reflec\$4  | US-PGPUB;<br>USPAT                  | OR | OFF | 2008/01/07<br>11:18 |
| S111 | 89    | 381/335 and reflec\$4   | US-PGPUB;<br>USPAT                  | OR | OFF | 2008/01/07<br>11:18 |
| S112 | 83    | (US-20040240697-\$ or US-20050025318-\$ or US-20020118858-\$ or US-20040218773-\$ or US-20060153407-\$ or US-20060120548-\$ or US-20060062402-\$ or US-20040136553-\$ or US-20040125974-\$ or US-20050180577-\$ or US-20040071298-\$ or US-20050276431-\$ or US-20050129258-\$ or US-20030219137-\$ or US-20050111677-\$ or US-20050002535-\$). | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | OR | OFF | 2008/01/14          |

| did. or (US-5590214-\$    |   |      |     |   |   |
|---------------------------|---|------|-----|---|---|
| or US-4654835-\$ or US-   |   |      |     |   |   |
|                           |   |      |     |   |   |
| 4991687-\$ or US-         |   |      |     |   |   |
| 5750943-\$ or US-         |   |      |     |   |   |
| 6833656-\$ or US-         |   |      |     |   | į |
| 5802190-\$ or US-         |   |      |     |   |   |
| 4391346-\$ or US-         |   |      |     |   | į |
| 4308932-\$ or US-         |   |      |     |   |   |
|                           |   |      |     |   |   |
| 4344504-\$ or US-         |   |      |     |   |   |
| 4580655-\$ or US-         |   |      |     |   |   |
| 4437540-\$ or US-         |   |      |     |   |   |
| 4845759-\$ or US-         |   |      |     |   |   |
| 6394223-\$ or US-         |   |      |     |   |   |
| 5742693-\$ or US-         |   |      |     |   | į |
| 3645355-\$ or US-         |   |      |     |   |   |
| 4348552-\$ or US-         |   |      |     |   |   |
| 1.5                       |   |      |     |   |   |
| 4237340-\$ or US-         |   |      |     |   |   |
| 7096995-\$ or US-         |   |      |     |   |   |
| 4410063-\$ or US-         |   |      |     |   | į |
| 6158902-\$ or US-         |   |      |     |   |   |
| 6373955-\$ or US-         |   |      |     |   |   |
| 6712177-\$ or US-         |   |      |     |   |   |
| 6009182-\$ or US-         |   |      |     |   | ļ |
| 4653606-\$ or US-         |   |      |     |   |   |
| 6819767-\$ or US-         |   |      |     |   |   |
| Š                         |   |      |     |   |   |
| 6782112-\$).did. or (US-  |   |      |     |   |   |
| 6070461-\$ or US-         |   |      |     |   |   |
| 6314191-\$ or US-         |   |      |     |   |   |
| 6628793-\$ or US-         |   |      |     |   |   |
| 7092541-\$ or US-         |   |      |     |   |   |
| 6556687-\$ or US-         |   |      |     |   |   |
| 5809153-\$ or US-         |   |      |     |   |   |
| 6624846-\$ or US-         |   |      |     |   |   |
| 5757424-\$ or US-         |   |      |     |   | į |
| 6452628-\$ or US-         |   |      |     |   |   |
| 8                         |   |      |     |   |   |
| 4862508-\$ or US-         |   |      |     |   |   |
| 7298853-\$ or US-         |   |      |     |   | į |
| 7260235-\$).did. or (EP-  |   |      |     |   |   |
| 1199907-\$ or EP-         |   |      |     |   | į |
| 386846-\$ or EP-          |   |      |     |   |   |
| 1422969-\$ or WO-         |   |      |     |   |   |
| 2004071129-\$).did. or    |   |      |     |   |   |
| (US-4503930-\$ or US-     |   |      |     |   |   |
| 4174019-\$ or US-         |   |      |     |   |   |
| 4187926-\$ or US-         |   |      |     |   |   |
| 4940108-\$ or US-         |   |      |     |   | į |
| 3                         |   |      |     |   |   |
| 6394223-\$ or US-         |   |      |     |   | į |
| 5164549-\$ or EP-         |   |      |     |   |   |
| 1422969-\$ or US-         |   |      |     |   |   |
| 4104641-\$ or <b>W</b> O- |   |      |     |   |   |
| 200123104-\$ or US-       |   |      |     |   |   |
| 6112847-\$ or WO-         |   |      |     |   | į |
| 2004071129-\$ or US-      |   |      |     |   |   |
| 4071112-\$ or US-         |   |      |     |   |   |
| Š                         |   |      |     |   |   |
| 4685532-\$ or US-         |   |      |     |   |   |
| 4637490-\$ or US-         |   |      |     |   |   |
| 5642429-\$ or US-         |   |      |     |   | į |
| (8)                       | 3 | ş :: | : : | : | i |

|      | anainmanninanainmanninanain. | 4289929-\$ or US-<br>5526325-\$ or US-<br>6603862-\$ or US-<br>6016535-\$ or US-<br>5109419-\$ or US-<br>6118883-\$ or US-<br>6597797-\$ or US-<br>4280585-\$).did.  |                                     |    |     |                     |
|------|------------------------------|--|-------------------------------------|----|-----|---------------------|
| S113 | 13                           | S112 and attenuation   | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | OR | OFF | 2008/01/14<br>18:59 |
| S114 | 14                           | 381/336 and<br>attenuation   | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | OR | OFF | 2008/01/14<br>19:34 |
| S115 | 349                          | 381/104 and attenuation  | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | OR | OFF | 2008/01/14<br>19:36 |
| S116 | 14                           | "5809153"  | US-PGPUB;<br>USP <b>A</b> T         | OR | OFF | 2008/01/22<br>05:09 |
| S117 | 1                            | "20040240697"  | US-PGPUB;<br>USP <b>A</b> T         | OR | OFF | 2008/01/22<br>05:25 |
| S118 | 13                           | "6112847"  | US-PGPUB;<br>USPAT                  | OR | OFF | 2008/01/22<br>05:25 |
| S119 | 1                            | "20060153407"  | US-PGPUB;<br>USP <b>A</b> T         | OR | OFF | 2008/01/22<br>08:12 |
| S120 | 18                           | ("3239799"   "3723962"   "3881056"   "4037052"   "4586195"   "4703462"   "4739860"   "4796726"   "4823908"   "5007091"   "5233664"   "5452364"   "5526433"   "5600727"   "5901232"   "6011855"   "6186004").PN.  | US-PGPUB;<br>USPAT; USOCR           | OR | OFF | 2008/01/22<br>08:20 |
| S121 |                              | (US-20040240697-\$ or US-20050025318-\$ or US-20040218773-\$ or US-20020118858-\$ or US-20050002535-\$ or US-20060062402-\$ or US-20060062402-\$ or US-20040156518-\$ or US-20040136553-\$ or US-20040125974-\$ or US-20040071298-\$ or US-20060072773-\$ or US-20030219137-\$ or US-20050129258-\$ or US-20050129258-\$ | US-PGPUB;<br>USPAT; EPO;<br>DERWENT | OR | OFF | 2008/01/22<br>09:09 |

| US-20050111677-\$ or     | <b>\</b> |  |
|--------------------------|----------|--|
| . 2                      |          |  |
| US-20020181713-\$ or     |          |  |
| US-20020076066-\$ or     |          |  |
| US-20020076065-\$ or     |          |  |
| US-20010055401-\$ or     |          |  |
| US-20010022841-\$).      |          |  |
| did. or (US-5809153-\$   |          |  |
| or US-6394223-\$ or US-  |          |  |
| 6112847-\$ or US-        |          |  |
|                          |          |  |
| 5742693-\$ or US-        |          |  |
| 4580655-\$ or US-        |          |  |
| 4845759-\$ or US-        |          |  |
| 4308932-\$ or US-        |          |  |
| 4344504-\$ or US-        |          |  |
| 5802190-\$ or US-        |          |  |
| 6833656-\$ or US-        |          |  |
| 6373955-\$ or US-        |          |  |
| 4237340-\$ or US-        |          |  |
| 6712177-\$ or US-        |          |  |
| 6009182-\$ or US-        |          |  |
| . 5                      |          |  |
| 4348552-\$ or US-        |          |  |
| 3645355-\$ or US-        |          |  |
| 4410063-\$ or US-        |          |  |
| 5750943-\$ or US-        |          |  |
| 4653606-\$ or US-        |          |  |
| 4437540-\$ or US-        |          |  |
| 4391346-\$ or US-        |          |  |
| 4991687-\$ or US-        |          |  |
| 4654835-\$ or US-        |          |  |
| 5590214-\$ or US-        |          |  |
| 6628793-\$ or US-        |          |  |
| 6070461-\$).did. or (US- |          |  |
|                          |          |  |
| 7096995-\$ or US-        |          |  |
| 7092541-\$ or US-        |          |  |
| 5757424-\$ or US-        |          |  |
| 6452628-\$ or US-        |          |  |
| 4862508-\$ or US-        |          |  |
| 6314191-\$ or US-        |          |  |
| 6158902-\$ or US-        |          |  |
| 6782112-\$ or US-        |          |  |
| 6819767-\$ or US-        |          |  |
| 6556687-\$ or US-        |          |  |
| 6624846-\$ or US-        |          |  |
| 7298853-\$ or US-        |          |  |
| 7260235-\$ or US-        |          |  |
| 7206413-\$ or US-        |          |  |
| 7200413-\$ or US-        |          |  |
|                          |          |  |
| 7110550-\$ or US-        |          |  |
| 6928172-\$ or US-        |          |  |
| 7218740-\$ or US-        |          |  |
| 7200239-\$ or US-        |          |  |
| 6301365-\$ or US-        |          |  |
| 6111962-\$ or US-        |          |  |
| 5255324-\$ or US-        |          |  |
| 5046101-\$ or US-        |          |  |
| 4598418-\$ or US-        |          |  |
| 5233664-\$).did. or      |          |  |
| 020000 Γ φ/.αια. σι      | }        |  |

| OFF OFF OFF OFF | OR OR OR OR OR OR OR | US-PGPUB;<br>US-PGPUB;<br>US-PGPUB;<br>US-PGPUB;<br>US-PGPUB;<br>US-PGPUB;<br>US-PGPUB;<br>US-PGPUB;<br>US-PGPUB;<br>US-PGPUB;<br>US-PGPUB;<br>US-PGPUB;<br>US-PGPUB;<br>US-PGPUB;<br>US-PGPUB; | ("1616639"   "3612211"   "4256922"   "4823908"   "5889870"   "6229899").PN. "20040218773"  381/386  381/387 and angle  381/387 and angle\$1  "20040218773"  381/335 and (time near align\$3)  381/336 and (time   | 7<br>1<br>1063<br>207<br>86<br>102<br>1 | S123<br>S124<br>S125<br>S126<br>S127<br>S128<br>S130 |
|-----------------|----------------------|---|---|---|--|
| OFF OFF OFF     | OR OR OR OR          | US-PGPUB;<br>USPAT; USOCR<br>US-PGPUB;<br>USPAT<br>US-PGPUB;<br>USPAT<br>US-PGPUB;<br>USPAT<br>US-PGPUB;<br>USPAT<br>US-PGPUB;<br>USPAT<br>US-PGPUB;<br>USPAT                                   | "3612211"   "4256922"   "4823908"   "5889870"   "6229899").PN.  "20040218773"  381/386  381/387  381/387 and angle  381/387 and angle\$1  "20040218773"   | 1<br>1063<br>207<br>86                  | S124<br>S125<br>S126<br>S127<br>S128                 |
| OFF<br>OFF      | OR<br>OR<br>OR       | US-PGPUB;<br>USPAT; USOCR<br>US-PGPUB;<br>USPAT<br>US-PGPUB;<br>USPAT<br>US-PGPUB;<br>USPAT<br>US-PGPUB;<br>USPAT   | "3612211"   "4256922"   "4823908"   "5889870"   "6229899").PN.  "20040218773"  381/386  381/387  381/387 and angle  | 1<br>1063<br>207<br>86                  | S124<br>S125<br>S126<br>S127                         |
| OFF<br>OFF      | OR<br>OR             | US-PGPUB;<br>USPAT; USOCR<br>US-PGPUB;<br>USPAT<br>US-PGPUB;<br>USPAT<br>US-PGPUB;<br>USPAT   | "3612211"   "4256922"<br>  "4823908"  <br>"5889870"  <br>"6229899").PN.<br>"20040218773"<br>381/386   | 1<br>1063<br>207                        | 5124<br>5125<br>5126                                 |
| OFF             | OR<br>OR             | US-PGPUB;<br>USPAT; USOCR<br>US-PGPUB;<br>USPAT<br>US-PGPUB;<br>USPAT   | "3612211"   "4256922"<br>  "4823908"  <br>"5889870"  <br>"6229899").PN.<br>"20040218773"  | 1 1063                                  | 5124<br>S125   |
| OFF             | OR                   | US-PGPUB;<br>USPAT; USOCR<br>US-PGPUB;<br>USPAT<br>US-PGPUB;  | "3612211"   "4256922"<br>  "4823908"  <br>"5889870"  <br>"6229899").PN.<br>"20040218773"  | 1                                       | 3124   |
|                 |                      | US-PGPUB;<br>USPAT; USOCR<br>US-PGPUB;  | "3612211"   "4256922"<br>  "4823908"  <br>"5889870"  <br>"6229899").PN.   |   |  |
| OFF             | OR                   | US-PGPUB;   | "3612211"   "4256922"<br>  "4823908"  <br>"5889870"   | 7                                       | S123   |
|                 |                      |   |   |   |  |
| OFF             | OR                   | US-PGPUB;<br>USPAT; EPO;<br>DERWENT   | S121 and (signal same level)  | 32                                      | S122   |
|                 |                      |   | (WO-2004071129-\$ or EP-1422969-\$ or EP-1199907-\$).did. or (US-4071112-\$ or WO-2004071129-\$ or EP-1422969-\$ or US-6394223-\$ or WO-200123104-\$ or US-6112847-\$ or US-4289929-\$ or US-4174019-\$ or US-4187926-\$ or US-4104641-\$ or US-4503930-\$ or US-4503930-\$ or US-4503930-\$ or US-5526325-\$ or US-4940108-\$ or US-5109419-\$ or US-5109419-\$ or US-5118883-\$ or US-5642429-\$ or US-6603862-\$).did. |   |  |

| S132 | 2   | 381/386 and (time<br>near align\$3)   | US-PGPUB;<br>USPAT | OR | OFF | 2008/07/17<br>12:51 |
|------|-----|---|--------------------|----|-----|---------------------|
| S133 | 5   | 381/386 and (time<br>near3 align\$3)  | US-PGPUB;<br>USPAT | OR | OFF | 2008/07/17<br>12:51 |
| S134 | 2   | 381/336 and (time near3 align\$3)   | US-PGPUB;<br>USPAT | OR | OFF | 2008/07/17<br>12:53 |
| S135 | 5   | 381/335 and (time<br>near3 align\$3)  | US-PGPUB;<br>USPAT | OR | OFF | 2008/07/17<br>12:53 |
| S136 | 143 | "381"/\$.ccls. and (time near3 align\$3)  | US-PGPUB;<br>USPAT | OR | OFF | 2008/07/17<br>12:53 |
| S137 | 11  | "4862508"   | US-PGPUB;<br>USPAT | OR | OFF | 2008/07/17<br>13:02 |
| S138 | 6   | "5750943"   | US-PGPUB;<br>USPAT | OR | OFF | 2008/07/17<br>14:16 |
| S139 | 7   | andrews-anthony   | US-PGPUB;<br>USPAT | OR | OFF | 2008/07/17<br>14:22 |
| S140 | 37  | andrews-anthony\$.in.   | US-PGPUB;<br>USPAT | OR | OFF | 2008/07/17<br>14:22 |
| S141 | 0   | (array same mid same<br>range same perpen\$6<br>same loudspeaker<br>same angle)".clm" | US-PGPUB;<br>USPAT | OR | OFF | 2008/07/17<br>14:25 |

## 7/21/2008 11:55:47 AM

 $\hbox{C:$\backslash$ Documents and Settings$\backslash$ gmonikang$\backslash$ My Documents$\backslash$ EAST$\backslash$ Workspaces$\backslash$ loudspeaker array. wsp \\$